SAF-RC-040 300 Area D&D Waste Characterization **Sampling - Other Solid** FINAL DATA PACKAGE

COMPLETE COPY OF DATA PACKAGE TO:

Mike Stankovich

L1-01



EDMC

COMMENTS:

SDG 07-A-6662

SAF-RC-040

Rad only $\underline{\mathbf{X}}$ Chem only

Rad & Chem

X Complete

Partial

Sample Location/Waste Site: 300 Area 309 Bldg.



12/20/07 Page 1 of 14

SUBMITTED TO:

Joan Kessner Washington Closure Hanford 2620 Fermi Avenue, MSIN H4-21 Richland, WA 99354

REFERENCE DATA:

Client Sample No.:

J162C8 through J162K6

P.O. No.:

Not Available

Sample Location:

309

Sample Type:

Bulk

Method Reference:

EPA-600/R-93/116

DCL Set ID No.:

07-A-6662

DCL Sample ID No.:

07-38782 through 07-38831

Sample Receipt Date:

11/21/07

Analysis Date:

12/14/07 through 12/20/07



We certify that the following samples were prepared and analyzed by Polarized Light Microscopy for asbestos and other fibrous constituents using EPA-600/R-93/116. The samples were acceptable upon receipt except where noted. The samples were examined under a stereomicroscope in a laboratory fume hood for general composition and phase separation. If needed, portions of the sample were removed and ground with a mortar and pestle before being mounted on a glass microscope slide. Mountings of representative portions of the material are prepared in one or more appropriate refractive index liquids (1.550, 1.605, 1.680) and examined by Polarized Light Microscopy*. Estimates of concentration are made on an area basis. The results of the analysis apply only to the materials analyzed and are summarized on the attached bulk asbestos analysis data sheets. DataChem Laboratories will dispose of all bulk samples after 60 days unless other arrangements are made.

Shawn Smythe Analyst

Anna Marie Ristich

Reviewer

*Floor tiles, decorative paints, joint compounds, and cement materials require additional treatment in order to evaluate the concentration of small asbestos fibers bound in the material. Some samples may contain fibers that are not visible by PLM and can only be detected by electron microscopy techniques. Floor tiles are analyzed as homogeneous materials if insufficient mastic is present or if phases have been cross contaminated.

DataChem Laboratories NVLAP Lab ID: 101917. Laboratory accreditation by the National Institute of Standards and Technology does not in any way constitute approval or endorsement by NVLAP, NIST, or any agency of the federal government..

CINCINNATI OFFICE 4388 GLENDALE-MILFORD ROAD CINCINNATI, OHIO 45242-3706 513 733-5336, FAX 513 733-5347

WEST COAST OFFICE 11 SANTA YORMA COURT NOVATO, CALIFORNIA 94945 800 280-8071, FAX 415 893-9469

Client: Washington Closure Hanford

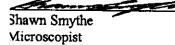
Location: 309 Set ID: 07-A-6662

Client Sample ID:	J162C8	J162C8	J162C9	J162C9	J162D0
DCL Sample ID:	07-38782A	07-38782B	07-38783A	07-38783B	07-38784
Macroscopic Examination	· · · · · · · · · · · · · · · · · · ·		· ·		0, 00,01
Accepted/Rejected:	Accepted	Accepted	Accepted	Accepted	Accepted
Homogeneity:	Layered	Layered	Layered	Layered	Homog.
Color:	Green	Black	Grey	Black	Grey
Texture:	Compact	Resinous	Compact	Resinous	Crmby/Fbrs
Description:	Tile	Mastic	Tile	Mastic	Material
Analysis:	PLM	PLM	PLM	PLM	PLM
Asbestiform Minerals					1 13441
% Chrysotile:	>1≤3		>1 ≤ 3		>3≤5
% Amosite:			- 		7333
% Crocidolite:					
% Tremolite - Actinolite:					
% Anthophyllite:			·		
% Total Asbestos:	>1≤3	ND ·	>1≤3	ND	>3≤5
Other Materials					
% Cellulose:		>1≤3		>1≤3	
% Fiberglass:					
% Other Fibers:		• .			
% Resin/Binder:	>10≤20	>70 ≤ 80	>10≤20	>70≤80	
% Non Fibrous:	>70≤80	>10 ≤ 20	>70 ≤ 80	>10 ≤ 20	>90≤100

ND = None Detected Trace = <1%

Special Prep Procedures: None.

*Notes: P. O. #: Not Available.



Client: Washington Closure Hanford

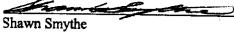
Location: 309 Set ID: 07-A-6662

Client Sample ID:	J162D1	J162D2	J162D3	J162D4	TI COD C
DCL Sample ID:	07-38785	07-38786	07-38787		J162D5
Macroscopic Examination		07-50700	V/-36767	07-38788	07-38789
Accepted/Rejected:	Accepted	Accepted	Accepted	Accented	A1 . 1
Homogeneity:	Homog.	Homog.	Homog.	Accepted	Accepted
Color:	Grey	Grey	Grey	Homog.	Homog.
Texture:	Fbrs/Crmby	Crmby/Fbrs	Crmby/Fbrs	Grey	Grey
Description:	Ceiling Tile	Material	Material	Crmby/Fbrs	Crmby/Fbrs
Analysis:	PLM	PLM	PLM	Material PLM	Material
Asbestiform Minerals		X 23472	1 17141	FLM	PLM
% Chrysotile:		>3≲5	>3≤5	>2 E	
% Amosite:			7333	>3≤5	>3 ≤ 5
% Crocidolite:					
% Tremolite - Actinolite:		`	•		
% Anthophyllite:	•				
% Total Asbestos:	ND	>3≤5	>3≤5	>3≤5	50 d 5
Other Materials					>3≤5
% Cellulose:	>40 ≤ 50				
% Fiberglass:	>20≤30	•			
% Other Fibers:					
% Resin/Binder:					
% Non Fibrous:	>10≤20	>90≤100	>90≤100	>90≤100	>90≤100

ND = None Detected Trace = <1%

Special Prep Procedures: None.

*Notes: P. O. #: Not Available.



Microscopist

Client: Washington Closure Hanford

Location: 309 Set ID: 07-A-6662

Client Sample ID:	J162D6	J162D7	J162D8	J162D9	J162F0
DCL Sample ID:	07-38790	07-38791	07-38792	07-38793	07-38794
Macroscopic Examination					
Accepted/Rejected:	Accepted	Accepted	Accepted	Accepted	Accepted
Homogeneity:	Homog.	Layered	Homog.	Homog.	Homog.
		Inseparable			
Color:	Grey	Grey	Grey	Grey	Grey
Texture:	Crmby/Fbrs	Crmby/Fbrs	Crumbly	Crumbly	Crumbly
Description:	Material	Material	Material	Material	Material
Analysis:	PLM	PLM	PLM	PLM	PLM
Asbestiform Minerals					
% Chrysotile:	>3≤5	>1≤3			
% Amosite:					
% Crocidolite:		•	•		
% Tremolite - Actinolite:					
% Anthophyllite:		•			
% Total Asbestos:	>3≤5	>1≤3	ND	ND	ND
Other Materials					
% Cellulose:					
% Fiberglass:					
% Other Fibers:					
% Resin/Binder:					
% Non Fibrous:	>90≤100	>90≤100	>90 ≤ 100	>90≤100	>90 ≤ 100

ND = None Detected Trace = <1%

Special Prep Procedures: None.

*Notes: P. O. #: Not Available.

Shawn Smythe Microscopist

All values are in area percent by visual estimate. The Federal Register Vol. 55 No. 224 Tuesday Nov. 20 1990 Rules and Regulations states "... If the asbestos content is estimated to be less than 10% by a method other than point counting,... (the analysis) be repeated using the point counting technique by PLM." Any of the above samples can be reanalyzed by point counting at the client's request.

Wherever possible, separate phases are analyzed and reported individually.

Client: Washington Closure Hanford

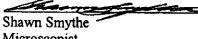
Location: 309 Set ID: 07-A-6662

Client Sample ID:	J162F1	J162F2	J162F3	J162F3	J162F4
DCL Sample ID:	07-38795	07-38796	07-38797A	07-38797B	07-38798
Macroscopic Examination				<u> </u>	07-30738
Accepted/Rejected:	Accepted	Accepted	Accepted	Accepted	Accepted
Homogeneity:	Homog.	Homog.	Layered	Layered	Layered
		•	•		Inseparable
Color:	Grey	Grey	Brown	Yellow	Grey/Yellow
Texture:	Crumbly	Crumbly	Flexible	Flexible	Cmpt/Crmby
Description:	Material	Material	Covebase	Mastic	Tile/Mastic
Analysis:	PLM	PLM	PLM	PLM	PLM
Asbestiform Minerals					
% Chrysotile:					>1≤3
% Amosite:					
% Crocidolite:					
% Tremolite - Actinolite:		•	•		•
% Anthophyllite:	***				
% Total Asbestos:	ND	ND	ND	ND	>1≤3
Other Materials					
% Cellulose:					
% Fiberglass:		•			
% Other Fibers:	-				,
% Resin/Binder:			>20≤30	>60 ≤ 70	>10≤20
% Non Fibrous:	>90≤100	>90 ≤ 100	>60 ≤ 70	>20≤30	>70 ≤ 20 >70 ≤ 80

ND = None Detected Trace = <1%

Special Prep Procedures: None.

*Notes: P. O. #: Not Available.



Microscopist

Client: Washington Closure Hanford

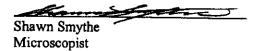
Location: 309 Set ID: 07-A-6662

Client Sample ID:	J162F5	J162F5	J162F5	J162F6	J162F6
DCL Sample ID:	07-38799A	07-38799B	07-38799C	07-38800A	07-38800B
Macroscopic Examination				0. 0000011	07-30000D
Accepted/Rejected:	Accepted	Accepted	Accepted	Accepted	Accepted
Homogeneity:	Layered	Layered	Layered	Layered	Layered
Color:	Brown	Black	Tan	Brown	Black
Texture:	Compact	Resinous	Resinous	Compact	Resinous
Description:	Tile	Mastic	Mastic	Tile	Mastic
Analysis:	PLM	PLM	PLM	PLM	PLM
Asbestiform Minerals	· · · · · · · · · · · · · · · · · · ·				1 20141
% Chrysotile:	>1 ≤ 3			>1≤3	
% Amosite:	•				
% Crocidolite:					
% Tremolite - Actinolite:					
% Anthophyllite:					
% Total Asbestos:	>1≤3	ND	ND	>1≤3	ND
Other Materials					110
% Cellulose:					
% Fiberglass:					
% Other Fibers:	•				
% Resin/Binder:	>10≤20	>70≤80	>70≤80	>10≤20	>70 ≤ 80
% Non Fibrous:	>70≤80	>10≤20	>10≤20	>70 ≤ 20	>10 ≤ 80 >10 ≤ 20

ND = None Detected Trace = <1%

Special Prep Procedures: None.

*Notes: P.O. #: Not Available.



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Client: Washington Closure Hanford

Location: 309 Set ID: 07-A-6662

Client Sample ID:	J162F7	J162F7	J162F8	J162F8	J162F9
DCL Sample ID:	07-38801A	07-38801B	07-38802A	07-38802B	07-38803A
Macroscopic Examination				07 3000ZB	07-366032
Accepted/Rejected:	Accepted	Accepted	Accepted	Accepted	Accepted
Homogeneity:	Layered	Layered	Layered	Layered	Layered
Color:	Brown	Black	Black	Brown	Black
Texture:	Compact	Resinous	Flexible	Crumbly	Flexible
Description:	Tile	Mastic	Covebase	Mastic	Covebase
Analysis:	PLM	PLM	PLM	PLM	PLM
Asbestiform Minerals		· · · · · · · · · · · · · · · · · · ·		1 121/1	I LUIVI
% Chrysotile:	>1≤3				
% Amosite:			·		
% Crocidolite:					
% Tremolite - Actinolite:					
% Anthophyllite:					
% Total Asbestos:	>1≤3	ND	ND	ND	ND
Other Materials				112	1110
% Cellulose:					
% Fiberglass:					
% Other Fibers:					
% Resin/Binder:	>10≤20	>70≤80	>20≤30	>70≤80	>20≤30
% Non Fibrous:	>70≤80	>10 ≤ 20	>60 ≤ 70	>10 ≤ 80 >10 ≤ 20	>60 ≤ 70

ND = None Detected Trace = <1%

Special Prep Procedures: None.

*Notes: P. O. #: Not Available.

Shawn Smythe Microscopist

Client: Washington Closure Hanford

Location: 309 Set ID: 07-A-6662

Client Sample ID:	J162F9	J162H0	J162H0	J162H1	J162H2
DCL Sample ID:	07-38803B	07-38804A	07-38804B	07-38805	07-38806
Macroscopic Examination					
Accepted/Rejected:	Accepted	Accepted	Accepted	Accepted	Accepted
Homogeneity:	Layered	Layered	Layered	Homog.	Homog.
Color:	Brown	Grey	Brown	Grey	Grey
Texture:	Crumbly	Fbrs/Crmby	Crumbly	Crumbly	Crmby/Fbrs
Description:	Mastic	Ceiling Tile	Mastic	Material	Material
Analysis:	PLM	PLM	PLM	PLM	PLM
Asbestiform Minerals					
% Chrysotile:					>1≤3
% Amosite:					>20≤30
% Crocidolite:					
% Tremolite - Actinolite:	-				
% Anthophyllite:					
% Total Asbestos:	ND	ND	ND	ND	>21 ≤ 33
Other Materials					
% Cellulose:	•	>40 ≤ 50			
% Fiberglass:		>20≤30			
% Other Fibers:					
% Resin/Binder:	>70≤80		>70≤80		
% Non Fibrous:	>10≤20	>10≤20	>10≤20	>90≤100	>60≤70

ND = None Detected Trace = <1%

Special Prep Procedures: None.

*Notes: P. O. #: Not Available.

Shawn Smythe Microscopist

Client: Washington Closure Hanford

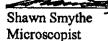
Location: 309 Set ID: 07-A-6662

Client Sample ID:	J162H3	J162H4	J162H5	J162H6	J162H7
DCL Sample ID:	07-38807	07-38808	07-38809	07-38810	07-38811
Macroscopic Examination			·		
Accepted/Rejected:	Accepted	Accepted	Accepted	Accepted	Accepted
Homogeneity:	Homog.	Homog.	Homog.	Homog.	Homog.
Color:	Grey	Grey	Grey	Grey	Grey
Texture:	Crmby/Fbrs	Crmby/Fbrs	Crmby/Fbrs	Fibrous	Crmby/Fbrs
Description:	Material	Material	Material	Material	Material
Analysis:	PLM	PLM	PLM	PLM	PLM
Asbestiform Minerals					
% Chrysotile:	>5 ≤ 10	>3≤5		>20≤30	>3≤5
% Amosite:	>3≤5	>20≤30	>20≤30		>20≤30
% Crocidolite:					
% Tremolite - Actinolite:					
% Anthophyllite:					
% Total Asbestos:	>8 ≤ 15	>23≤35	>20 ≤ 30	>20 ≤ 30	>23≤35
Other Materials					
% Cellulose:				>40 ≤ 50	
% Fiberglass:	>10≤20	• .			•
% Other Fibers:	>3≤5				>3≤5
% Resin/Binder:					
% Non Fibrous:	>50 ≤ 60	>60≤70	>60 ≤ 70	>10≤20	>50 ≤ 60

ND = None Detected Trace = <1%

Special Prep Procedures: None.

*Notes: P. O. #: Not Available.



Client: Washington Closure Hanford

Location: 309 Set ID: 07-A-6662

Client Sample ID:	J162H8	J162H9	J162H9	J162J0	J162J0
DCL Sample ID:	07-38812	07-38813A	07-38813B	07-38814A	07-38814B
Macroscopic Examination					
Accepted/Rejected:	Accepted	Accepted	Accepted	Accepted	Accepted
Homogeneity:	Homog.	Layered	Layered	Layered	Layered
Color:	Grey	Brown	Black	Grey	Brown
Texture:	Fbrs/Crmby	Fibrous	Crumbly	Fbrs/Crmby	Crumbly
Description:	Ceiling Tile	Ceiling Tile	Mastic	Ceiling Tile	Mastic
Analysis:	PLM	PLM	PLM	PLM	PLM
Asbestiform Minerals				*	
% Chrysotile:					
% Amosite:		•			
% Crocidolite:					
% Tremolite - Actinolite:		•			
% Anthophyllite:					
% Total Asbestos:	ND	ND	ND	ND	ND
Other Materials					
% Cellulose:	>40 ≤ 50	>80 ≤ 90		>40 ≤ 50	
% Fiberglass:	>20≤30			>20≤30	
% Other Fibers:			Trace		
% Resin/Binder:			>60≤70		>60≤70
% Non Fibrous:	⁻ >10≤20	>5≤10	>20≤30	>10≤20	>20≤30

ND = None Detected Trace = <1%

Special Prep Procedures: None.

*Notes: P.O. #: Not Available.



Client: Washington Closure Hanford

Location: 309 Set ID: 07-A-6662

Client Sample ID:	J162J1	J162J1	J162K7	J162J2	J162J3
DCL Sample ID:	07-38815A	07-38815B	07-38816	07-38817	07-38818
Macroscopic Examination					
Accepted/Rejected:	Accepted	Accepted	Accepted	Accepted	Accepted
Homogeneity:	Layered	Layered	Homog.	Layered Inseparable	Homog.
Color:	Grey	Black	Grey	Grey/Tan	Grey
Texture:	Compact	Resinous	Crmby/Fbrs	Cmpt/Crmby	Crmby/Fbrs
Description:	Tile	Mastic	Material	Tile/Mastic	Material
Analysis:	PLM	PLM	PLM	PLM	PLM
Asbestiform Minerals	•				
% Chrysotile:	>1≤3	->3≤5			>10≤20
% Amosite:					>3≤5
% Crocidolite:	•		•		
% Tremolite - Actinolite:					
% Anthophyllite:			t seems par gen		•
% Total Asbestos:	>1≤3	>3≤5	ND	ND	>13 ≤ 25
Other Materials					
% Cellulose:					
% Fiberglass:			>20≤30		>10≤20
% Other Fibers:			>5≤10		>5≤10
% Resin/Binder:	>10≤20	>70≤80		>10≤20	
% Non Fibrous:	>70 ≤ 80	>10≤20	>50 ≤ 60	>70 ≤ 80	>40≤50

ND = None Detected Trace = <1%

Special Prep Procedures: None.

*Notes: P. O. #: Not Available.



Client: Washington Closure Hanford

Location: 309 Set ID: 07-A-6662

Client Sample ID:	J162J4	J162J5	J162J6	J162J7	J162J8
DCL Sample ID:	07-38819	07-38820	07-38821	07-38822	07-38823
Macroscopic Examination					
Accepted/Rejected:	Accepted	Accepted	Accepted	Accepted	Accepted
Homogeneity:	Homog.	Homog.	Homog.	Homog.	Homog.
Color:	Grey	Grey	Grey	Grey	Grey
Texture:	Crmby/Fbrs	Crmby/Fbrs	Crmby/Fbrs	Crmby/Fbrs	Crmby/Fbrs
Description:	Material	Material	Material	Material	Material
Analysis:	PLM	PLM	PLM	PLM	PLM
Asbestiform Minerals					
% Chrysotile:	>10≤20	>10≤20			·
% Amosite:	>3 ≤ 5	>3≤5			
% Crocidolite:					
% Tremolite - Actinolite:	4				
% Anthophyllite:					
% Total Asbestos:	>13 ≤ 25	>13 ≤ 25	ND	ND	ND
Other Materials					
% Cellulose:	•				
% Fiberglass:	>10≤20	>10≤20	>20 ≤ 30	>20≤30	>30 ≤ 40
% Other Fibers:	>5≤10	>5≤10	>5 ≤ 10	>5≤10	
% Resin/Binder:					
% Non Fibrous:	>40≤50	>40 ≤ 50	>50 ≤ 60	>50 ≤ 60	>50≤60

ND = None Detected Trace = <1%

Special Prep Procedures: None.

*Notes: P.O. #: Not Available.



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Client: Washington Closure Hanford

Location: 309 Set ID: 07-A-6662

Client Sample ID:	J162J9	J162K0	J162K1	J162K2	J162K3
DCL Sample ID:	07-38824	07-38825	07-38826	07-38827	07-38828
Macroscopic Examination				* · · · · · · · · · · · · · · · · · · ·	
Accepted/Rejected:	Accepted	Accepted	Accepted	Accepted	Accepted
Homogeneity:	Homog.	Homog.	Homog.	Homog.	Homog.
Color:	Grey	Grey	Grey	Grey	Grey
Texture:	Crmby/Fbrs	Crmby/Fbrs	Crmby/Fbrs	Crmby/Fbrs	Crmby/Fbrs
Description:	Material	Material	Material	Material	Material
Analysis:	PLM	PLM	PLM	PLM	PLM
Asbestiform Minerals					
% Chrysotile:					
% Amosite:					
% Crocidolite:					
% Tremolite - Actinolite:					
% Anthophyllite:					
% Total Asbestos:	ND	ND	ND	ND	ND
Other Materials					
% Cellulose:					
% Fiberglass:	>20≤30	>30≤40	>20≤30	>30≤40	>30 ≤ 40
% Other Fibers:	>5 ≤ 10	,	>5 ≤ 10	00270	- 30 - 3 - 40
% Resin/Binder:					
% Non Fibrous:	>50 ≤ 60	>50 ≤ 60	>50 ≤ 60	>50 ≤ 60	>50 ≤ 60

ND = None Detected Trace = <1%

Special Prep Procedures: None.

*Notes: P. O. #: Not Available.



Microscopist

Client: Washington Closure Hanford

Location: 309 Set ID: 07-A-6662

Client Sample ID:	J162K4	J162K5	J162K6	
DCL Sample ID:	07-38829	07-38830	07-38831	
Macroscopic Examination			·	
Accepted/Rejected:	Accepted	Accepted	Accepted	
Homogeneity:	Layered	Homog.	Homog.	
	Inseparable			•
Color:	Yellow/Grey	Grey/Yellow	Grey/Yellow	
Texture:	Fbrs/Crmby	Crmby/Fbrs	Crmby/Fbrs	
Description:	Material	Material	Material	
Analysis:	PLM	PLM	PLM	
Asbestiform Minerals				
% Chrysotile:				
% Amosite:				
% Crocidolite:				
% Tremolite - Actinolite:				
_% Anthophyllite:				
% Total Asbestos:	ND	ND	ND	
Other Materials	•			
% Cellulose:				
% Fiberglass:	>50 ≤ 60	>30 ≤ 40	>30 ≤ 40	
% Other Fibers:	>5≤10	>5≤10	>5 ≤ 10	
% Resin/Binder:				
% Non Fibrous:	>20≤30	>40 ≤ 50	>40 ≤ 50	

ND = None Detected Trace = <1%

Special Prep Procedures: None.

*Notes: P. O. #: Not Available.

Shawn Smythe Microscopist

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	hington Closure Hanford CHAIN OF CUS									: [RO	C-040-338	Page 4	of <u>10</u>
Collector Mike Stankovich	Compai	rv Contact tankovich	Telepho 531-7	ne No.				Projec	ct Coordi NER, JH		Price Code	9K	Data Tu	irnaround
Proiect Designation 300 Area D&D Waste Characterization Sampling - Other Sol	Samplii 309	ng Location						SAF N RC-04					7 1	Days
Ice Chest No. Fed Ex Box	Field La	ogbook No. 518-9	1	CO See	A below	,			d of Ship eral Expre					
Shipped To DataChem Laboratories - Cincinnati	Offsite 1	Property No.	2800	36	•			Bill o	f Lading/		No.			
POSSIBLE SAMPLE HAZARDS/REMARKS				T			Γ	1			<u> </u>	1	Γ	Т
Asbestos & Be		Preservation	None											
Special Handling and/or Storage		Type of Container	G/P							,				
·	Ļ	No. of Container(s)	1										ļ	
		Volume	5g											
		·	Asbestos- BULK-EPA	†									-	<u></u>
SAMPLE ANALYSIS		_			ŀ									
07.	_													
Sample No Amatrix * Sam	mple Date	Sample Time												
J162C8 3 7-27 OTHER SOLID //	20/07	0730	X					20,000,000		Employee Tally 1				
J162C9 38783 OTHER SOLID	<u></u>	0 733	של									1		
J162D0 3878 4 OTHER SOLID		0736				**-					- ·		<u> </u>	
J162D1 38785 OTHER SOLID	1	0739	7											
J162D2 337-8(OTHER SOLID		0742	X		:									
	Sign/Print l		·		SPECI	AL INSTR	UCTIO	ONS		·				Matrix *
	ived By/Stored	<i>()</i>	te/Time		Labora				nt, and Shipp	oing COA	- RD4MXX2F00)		S=Soil
	nsingel		<u>0-07 /</u> te/Time	<u>U3(</u>										SB=Sediment SO=Solid
	eived By/Stored	1 In	IC/ I IITIE											Si=Shudge W = Water
	eived By/Store	In Da	te/Time	zil	7									O=Oil A=Air D\$=Dram Solids
Relinquished By/Removed From Date/Time Rece	gived By/Storec	In Da	tc/Time	- (,									DL=Drum Liquids T=Tissue Wt=Wipe L=Liquid
Relinquished By/Removed From Date/Time Rece	rived By/Storec	l în Da	te/Time											V=Vegetation X=Other
Relinquished By/Removed From Date/Time Rece	sived By/Stored	i in Da	le/Time											
LABORATORY Received By SECTION		> 11/Z	1107	tie -								D	ate/Time	<u> </u>
FINAL SAMPLE Disposal Method DISPOSITION	·•		··			Dispos	ed By		 			E	ate/Time	

Washington Closure Hanford	CF	IAIN OF CUST	ODY/S	AMI	PLE.	ANALY	YSIS	RI	EQUEST		Re	C-040-338	Page 5	of <u>10</u>
Collector Mike Stankovich		ny Contact Stankovich	Telepho 531-7						oiect Coordin SSNER, JH	ator	Price Code	9K		rnaround
Project Designation 300 Area D&D Waste Characterization Sampling - Other Sol		ng Location							JF No. 2-040				7 I	Days
Ice Chest No. Fed Ex Box		ogbook No. 518-9		CO.	A clow				ethod of Ships Federal Expres			_		
Shipped To DataChem Laboratories - Cincinnati	Offsite	Property No.	080	63C	·				ll of Lading// See OSPC	Air Bill !	No.		· · · · · · ·	
POSSIBLE SAMPLE HAZARDS/REMARKS				['	1									
Ashestos & Re		Preservation	None				<u> </u>		:					
Special Handling and/or Storage		Type of Container	G/P								_			
		No. of Container(s)	,									_		
·		Volume	5g											
SAMPLE ANALYSIS														
Sample No. Matrix * Sa	mple Date	Sample Time			李肇		制度							
J162D3 38787 OTHER SOLID 11	120/07	0745	X										ż	
J162D4 58788 OTHER SOLID		0748	1					_						
J162D5 3	(0751	人	T										
J162D6 33 OTHER SOLID	\ \	0754	×										<u> </u>	
J162D7 20 OTHER SOLID	V	0757	モ		· 1									
CHAIN OF POSSESSION	Sign/Print				SPECI	AL INSTR	UCTIO	ONS	,		<u> </u>			Matrix *
Relinquished By/Regnoved French Date/Time WXT Rec	eived By/Ston (Sing/El) eived By/Ston	1 X)11-202	ate/Time	30	Labora	tory Analysis,	, Data M	lanago	ement, and Ship	ping COA	- RD4MXX2F0	00		S=Soil SE=Sediment SO=Solid SI=Stadge
BITSING/ENT/ 11-20-07 1500	ED ested By/Ston	ed in P	ate/Time	2(10	}									W = Water O=Oil A=Air DS=Drum Solids
Relinquished By/Removed From Date/Time	eivre By/Ston	ed in D	ite/Time		,									DL=Drum Liquids T=Tissuc WI=Wipe L=Liquid
Relinquished By/Removed From Date/Time Rec	cived By/Stor	ed in Da	ate/Tune							:				V=Vegetation X=Other
Relinquished By/Removed From Date/Time Rec	cived By/Stor	ed in D	nte/Time								·			
LABORATORY Received by SECTION			Т	itle								E	ate/Time	
FINAL SAMPLE Disposal Method DISPOSITION					•	Dispo	sed By		·			E	Date/Time	

Washington Closur	e Hanford		СН	AIN OF CUS	TODY/	SAMPL	E ANA	LYSIS	REOUE	ST.	P	C-040-338	Page	6 of 10
Collector Mike Stankovich			COMPAN	v Contact ankovich	Teleph	one No. 7620		~ ~ 010	Project Coo KESSNER,	rdinator	Price Code			Turnaround
rolect Designation 300 Area D&D Waste Charact	terization Sampling	Other Soli	Samplin 309	g Location		· · · · · · · · · · · · · · · · · · ·			SAF No. RC-040	-		/ 1X		Days
re Chest No. Fed Ex Box			Field Los EL-15	gbook No. 18-9		COA See belov			Method of S					
hipped To DataChem Laboratories - Cinc		- 1	Offsite P	roperty No.	0800		<u>* </u>		Federal Ex Bill of Ladir	<u> </u>	No.	-		
POSSIBLE SAMPLE HAZAR	RDS/REMARKS		T		 	79	7	<u>-</u>	See OSPC					
Asbestos & Be				Preservation	None									
pecial Handling and/or St	orage			Type of Container	G/P					- 		<u> </u>	<u> </u>	
·			1	No. of Container(s)	l						 	1		
			1	Volume	5g			1			-	 	<u></u>	
			l		Asbestos- BULK-EPA	 -	 	 	+	 	- -	 		
	SAMPLE ANA	Lysis	(4	062	BULK-EFA						\cdot	i i		
	·				,						1	}	ē	
Sample No.	Matrix *	Sample D	20/07 Date	Sample Time	Total consider	Protein autoria de la comp	Sec. Carlos and Carlos and Carlos							1
2D8 38797	OTHER SOLID	1 14/20		0800	Y									
	OTHER SOLID		107	0803	x		 -	 		 	 			
	OTHER SOLID	-1		0806	X			 	 	 	 			 -
2000	OTHER SOLID	-1		0809	X				1	 	 			+
CHAIN OF POSSESSION	OTHER SOLID	<u>V</u>		0812	X			-			 			
equished By/Removed From	Date/Time	Sign/P Received By/	rint Nan			SPEC	AL INSTR	UCTIONS	3		L			Matrix *
1/ MStatouch	11/2967 103	SMSing	lebn)	711-20-C	/Time)フ /// ぞ	Labora	tory Analysis,	Data Manag	ement, and Ship	ping COA - F	D4MXX2F00			S-Sail
quished By/Removed Francisco	1 Date/Time <i>UX</i> //-2007/50	7/ Received Bv/	Stored In	Date	Time									SE=Sediment SO=Solid
quished By/Removed From	Date/Time	Received By	Stored In	Date	Time	<u> </u>								Si=Sledge W = Water O=Oil
quished By/Removed From	Date/Time		\bigcirc	\mathcal{L}	12110	} _								A=Air DS=Dnen Solids
	2410 t II(IE	Recuived H.	Stored In	Date/	Time									DL=Dram Liquids T=Tissue WI=Wipe
juished By/Removed From	Date/Time	Received By/S	Stored In	Date/	Time	7								L=Liquid V=Vegetation X=Other
uished By/Removed From	Date/Time	Received By/S	tored In	Date/	Time	\dashv								. Juny
ORATORY Received by				<u> </u>	Title						<u> </u>	Date/	Time	·
														1
L SAMPLE Disposal Method POSITION							Dispose	d By				Date/	Time	

Washington Closur	e Hanford	CH	IAIN OF CUST	ODY/S	АМІ	PLE A	ANALY	SIS	RE	OUES'	r		RC-040-338	Page <u>7</u>	of <u>10</u>
Collector Mike Stankovich		/	nv Contact Stankovich	Telephor 531-76						ct Coord NER, JH	inator	Price Co	de 9K	Data Tur	
Project Designation 300 Area D&D Waste Charac	terization Sampling - Oth		ing Location						SAF RC-0					7 D	ays
Ice Chest No. Fed Ex Box			.ogbook No. 1518-9	·	CO/ See b	A oclow				od of Shi deral Expr					
Shipped To DataChem Laboratories - Cir	ncinnati	Offsite	Property No.	0800	34	<u> </u>				of Lading c OSPC	/Air Bill	No.		·· <u>·</u>	
POSSIBLE SAMPLE HAZA	RDS/REMARKS					- 1								1	
Asbestos & Be			Preservation	None											
Special Handling and/or S	torage		Type of Container	G/P L	-	_			-		-				
	•		No. of Container(s) Volume	5g	-							+-			
	Sample No. Matrix * Sample Date Sample Time														
Sample No.	Matrix *	Sample Date	Sample Time												
J162F3 38777	OTHER SOLID	11/20/0	7 0815	x						•					
J162F4 3878 8	OTHER SOLID		0818	• •											
J162F5 38799	OTHER SOLID		0821	と										<u> </u>	
J162F6 38866	OTHER SOLID		0824	X											
J162F7 38801	OTHER SOLID		0827	ャ	<u>L</u>										
CHAIN OF POSSESSIO		Sign/Prin				SPECL	AL INSTR	UCTIO	ONS						Matrix *
Relinquished By/Removed From Relinquished By/Removed From Relinquished By/Removed From	Date/Time Date/Time	Received By/Stor	red In Dr	ate/Time		Laborar	tory Analysis	, Data M	anagen	ent, anti Sn	грухад СОУ	≒ - RIJ4WIA.	AZFW		S=Soil SE=Sediment SO=Solid SS=Studge W = Water O=Oil A=Air DS=Dorum Solida DU=Drum i.kqvidx T=Tisase
Relinquished By/Removed From	Date/Time	Received By/Stor	red In D	ate/Time											WI=Wips L=Liquid V=Vegetation
Relinquished By/Removed From	ate/Time						•					X=Other			
Relinquished By/Removed From	Date/Time	Received By/Stor	red In D	ate/Time											
LABORATORY Received B	1			Ti	tle									Date/Time	
FINAL SAMPLE Disposal M DISPOSITION	icthod						Dîspo	sed By						Date/Tune	

Washington Closur	e Hanford	CI	LAIN OF CUST	ODY/S	AMI	PLE	ANAL	YSIS	RE	QUEST		RC	-040-338	Page 8	of <u>10</u>
Collector Mike Stankovich	·		nev Contact Stankovich	Telepho 531-7						ect Coordi SNER, JH	nator	Price Code	9K	Data Tur	
Project Designation 300 Area D&D Waste Charac	terization Sampling - Ot		ng Location				-		SAF RC-					7 D	ays
Ice Chest No. Fed Ex Box			ogbook No. 1518-9		CO. See t	A below				hod of Ship ederal Expre					
Shipped To DataChem Laboratories - Cir	cinnati	Offsite	Property No.	2800	030	6				of Lading/ ce OSPC	Air Bill N	0.			
POSSIBLE SAMPLE HAZA	RDS/REMARKS		*	1					ĺ						
Asbestos & Be		į	Preservation	None								,			
Special Handling and/or S	itorage		Type of Container	G/P											
			No. of Container(s)	1											
		į	Volume	5g											
				Asbestos- BULK-EPA											
	SAMPLE ANAL	YSIS]							
Sample No.	Matrix *	Sample Date	Sample Time							versioni i					
J162F8 38802	OTHER SOLID	11/20/07	7 0830	x	<u> </u>								<u> </u>		
J162F9 38803	OTHER SOLID		0833	X			<u></u>								
J162H0 38804	OTHER SOLID		6836	X											
J162H1 38805	OTHER SOLID		0842	X											
J162H2 38806	OTHER SOLID		7845	X	丄			<u>l</u>				<u></u>			
CHAIN OF POSSESSIO		Sign/Prin				SPEC	IAL INSTI	UCTIO	ONS			PD (1 (2/2/27)	^	,	Matrix *
Relinquished By/Remoyed From	och 11/20/07	Received By/Stor	11-200	ate/Time 27 / 63	50	Labor	atory Analysis	, Data M	anager	ment, and Ship	oping COA -	RD4MXX2F0	v	:	S=Soit SE=Sediment SO=Solid
Relinquished By/Removed From		Received By/Stor		ate/Time	i										SI=Sladge W = Water
Relinquished By/Removed From	///-20-07 / 500 Date/Time	Received By/Stor	ped in D	ate/Time .		ł								•	V=Oil
Reinquished by/Rethoved Floir		TU		ate/Time))	ľ									DS-Drum Solids DL-Drum Liquids
Relinquished By/Removed From	Date/Time	Received By/Stor	red In D.	ate/Time										•	T=Tispac W!=Wipc L=Liquid V=Vegetation
Relinquished By/Removed From	Date/Time	Received By/Stor	red In D	ate/Time											X=Other
Relinquished By/Removed From	Date/Time	Received By/Stor	red in D	ate/Time											
LABORATORY Received B	4	\supset		1	litte								D	ate/Time	· .
FINAL SAMPLE Disposal M DISPOSITION	cthod						Dispo	sed By					ī	Date/Time	

Washington Closure	Hanford	CH	AIN OF CUST	ODY/S	AMP	LE A	NALYS	SIS	RE	QUES'	r]	R	C-040-338	Page 9	of <u>10</u>
Collector Mike Stankovich	like Stankovich MT Stankovich 53									et Coord NER, JH	inator	Price Code	9K	Data Tu	
Project Designation 300 Area D&D Waste Character	rization Sampling - Other S		ng Location						SAF RC-0					7 D	ays
Ice Chest No. Fed Ex Box		Field L EL-1	ogbook No. 518-9		COA See b					od of Shi deral Expr			•		
Shipped To DataChem Laboratories - Cincin	nnati	Offsite	Property No.	0800	36					of Lading e OSPC	/Air Bill l	No.			
POSSIBLE SAMPLE HAZARI	DS/REMARKS				T						T				
Asbestos & Be		1	Preservation	None											
Special Handling and/or Sto	rage		Type of Container	G/P											
	,	-	No. of Container(s)	1			-						,		
· ·			Volume	5g									1		
				Asbestos- BULK-EPA					寸						
	SAMPLE ANALYSIS						-								
Sample No.	Matrix *	Sample Date	Sample Time												
J162H3 38 80 3	OTHER SOLID	11/20/07	7 0848	X											
J162H4 38808	OTHER SOLID	77	0851	κ.					\neg			-			
J162H5 3XX7 9	OTHER SOLID	. (0854	X											
J162H6 388 7	OTHER SOLID		085.7	×											
J162H7 38211	OTHER SOLID	V	0900	1	1				寸					i	
CHAIN OF POSSESSION		Sign/Print	Names			SPECIAI	L INSTRUC	CTIO	NS		<u> </u>			•	Matrix *
Relinquished By/Removed From MC A A COV Relinquished By/Removed From BUILDING Property of Front Relinquished By/Removed Front	CHAIN OF POSSESSION Sign/Print Names clinquished By/Removed From Date/Time 030 Received By/Stored In Date/Time CHAIN OF POSSESSION Date/Time 030 Received By/Stored In Date/Time CHAIN OF POSSESSION Date/Time 030 Received By/Stored In Date/Time Date/Time 030 FED EX								magem	ent, and Shi	pping COA	- RD4MXX2F			S=Soil SE=Sediment SO=Soild SI=Studge W = Water O=Oil A=Air DS=Drum Soilds
Relinquished By/Removed From	2										DL=Orum Liquids T=Tissue WI=Wipe L=Liquid				
Relinquished By/Removed From								-			V=Vegetation X=Other				
Relinquished By/Removed From															
LABORATORY Received By SECTION											•		, D	ate/Time	
FINAL SAMPLE Disposal Method DISPOSITION	day 1	-	· · · · · · · · · · · · · · · · · · ·				Disposed	Ву		· · · -·-·		- -	I	Pate/Time	

Washington Closure	e Hanford	CH	IAIN OF CUST	ODY/S	AMI	PLE.	ANALY	SIS	REC)UEST		F	RC-040-338	Page 10	of 10
Collector Mike Stankovich			nv Contact Stankovich	Telephor 531-7						ct Coordi NER, JH	ator	Price Code	9 K	Data Tur	l
Project Designation 300 Area D&D Waste Charact	terization Sampling - Oth	1	ng Location						SAF N RC-04				· · · · · · · · · · · · · · · · · · ·		ays
Ice Chest No. Fed Ex Box			ogbook No. 518-9		CO/ See b	A oclow		.		od of Ship leral Expre				·	
Shipped To DataChem Laboratories - Cin	cinnati	Offsite	Property No.	0800	539	<u></u>				f Lading/ : OSPC	Air Bill N	Vo.		· · · · · · · · · · · · · · · · · · ·	
POSSIBLE SAMPLE HAZA	RDS/REMARKS			ļ		ŀ			l l						ļ
Asbestos & Be			Preservation	None										<u> </u>	
 Special Handling and/or S	torage		Type of Container	G/P								_			
		:	No. of Container(s)	1											
			Volume	Ĵg											
			-	Asbestos- BULK-EPA	1										
	SAMPLE ANALY	YSIS													
		()	a(a)												
			00 _						-			ļ			
Sample No.	Matrix *	Sample Date	Sample Time			. g. 75°									
J162H8 388 \ Z	OTHER SOLID	11/20/07	0903	x											
J162H9 388(3	OTHER SOLID		0906	۲				<u> </u>		<u> </u>					
J162J0 30X14	OTHER SOLID		0 901	7											
J162J1 38816	OTHER SOLID		0912	*										<u></u>	
J162K738816	other solal	V	1000	ャ										<u> </u>	
CHAIN OF POSSESSIC		Sign/Prin				SPEC	IAL INSTE	UCTI	ONS						Matrix *
Relinquished By/Removed From	Date/Time 763(/ / /	ate/Time		Labora	atory Analysis	, Data M	lanagem	ent, and Shij	pping COA	- RD4MXX	2F00		S=Soil SE=Sediment
MUS MStank	Date/Time acc	KMSMale		007 /	030										SO=Solid SI=Sludge
Relinquished By/Removed From	117007	SOFEO													W = Water O=Oil
Relinquished By Removed From	Date/Time	Received By/sto		2/1/2/($\mathcal{L}_{\mathcal{O}}$										A=Air DS=Drum Solids DL=Drum Liquids
Relinquished By/Removed From	Date/Time	Received By Stor	red In D	ate/Time	,										T=Tissue Wi=Wipe L=Liquid V=Yeget#ion
Relinquished By/Removed From	Date/Time	Received By/Sto	ieu iii	ate/Time											X=Other
Relinquished By/Removed From	Date/Time	Received By/Sto	red In D	ate/Time					_					<u></u>	
LABORATORY Received B	y		<u>-</u> -	1	Title									Date/Time	
SECTION							Dien	sed By						Date/Time	
FINAL SAMPLE Disposal M DISPOSITION	ernoal ,						ыр	one by							

Mile Standwish Price Designation 300 Area DAD West Chemoterization Sampling - Order Soil 300 Area DAD West Chemoterization Sampling - Order So	Washington Closure	e Hanford	CF	IAIN OF CUST	ODY/S	AM	PLE	ANALY	YSIS	RE	EQUEST]	RC-040-339	Page 1	of <u>10</u>
300 Area DABD Waste Chemocerization Sampling - Other Soil 309 Fried Learbook No. EL-1518-9 See below Federal Express Fredering Express See below Federal Express See below Federal Express See below Federal Express See CSPC Dead-Chemical Express Bill of Labelook No. See CSPC Preservation No. of Containers Type of Containers No. of Containers	Collector Mike Stankovich											ator	Price Cod	9K		
Ted Ex Box Student To Offsite Property No. DataChem Laboratories - Cincinnati POSSIBLE SAMPLE HAZARDS/REMARKS Abbetta & B Preservation No. of Container	Project Designation 300 Area D&D Waste Charact	terization Sampling - Othe		ng Location											7 D	ays
Desire Laboratories - Cincinnati HODOUL See OSFC POSSIBLE SAMPLE RAZARDS/REMARKS Albestra & B Preservation No. of Container(s) 1 Volume Special Handling and/or Storage Preservation Type of Container(s) 1 Volume Sample No. Marix Sample Date Sample Time Advantage BUXX-87A Sample No. Marix Sample Date Sample Time J162.12 33 8 7 OTHER SOLID J162.13 38 7 OTHER SOLID J162.14 38 7 OTHER SOLID J162.14 38 7 OTHER SOLID J162.15 38 7 OTHER SOLID J162	Ice Chest No. Fed Ex Box															
POSSIBLE SAMPLE HAZARDS/REMARKS Ashestos & Be Type of Constainer	Shipped To DataChem Laboratories - Cin	cinnati	Offsite	Property No.	088	134	/					Air Bill	No.			
Special Handling and/or Storage Type of Container	POSSIBLE SAMPLE HAZAI	RDS/REMARKS														
Sample No. Matrix* Sample Date Sample Time Sample No. Matrix* Sample Date Sample Time J162.12 3/8 7 OTHER SOLID J162.13 3/8 7 OTHER SOLID J162.14 3/8 7 OTHER SOLID J162.15 3/8 7 OTHER SOLID J162.15 3/8 7 OTHER SOLID J162.16 3/8 7 OTHER SOLID J162.17 J162.18 J162.19 OTHER SOLID J162.18 J162.19 OTHER SOLID J162.19 J1	Ashestos & Be			Preservation												
Sample No. Matrix * Sample Date Sample Time Sample No. Matrix * Sample Date Sample Time J162.12 388 7 OTHER SOLID 1 1 20/07 OTHS X J162.13 38 8 OTHER SOLID 0 97.8 \$ J162.15 38 8 OTHER SOLID 0 97.8 \$ J162.15 38 8 OTHER SOLID 0 97.8 \$ J162.15 38 8 OTHER SOLID 0 97.7 \$ J162.15 38 8 0 OTHER SOLID 0 97.7 \$ J162.15 38 8 0 OTHER SOLID 0 97.7 \$ J162.15 38 8 0 OTHER SOLID 0 97.7 \$ J162.15 38 8 0 OTHER SOLID 0 97.7 \$ J162.15 38 8 0 OTHER SOLID 0 97.7 \$ J162.15 38 8 0 OTHER SOLID 0 97.7 \$ J162.15 38 8 0 OTHER SOLID 0 97.7 \$ J162.15 38 8 0 OTHER SOLID 0 97.7 \$ J162.15 38 8 0 OTHER SOLID 0 97.7 \$ J162.15 38 8 0 OTHER SOLID 0 97.7 \$ J162.15 38 0 OTHER SOLID 0 97.7 \$ J1	Special Handling and/or S	torage		Type of Container		↓									<u> </u>	
Sample No. Matrix * Sample Date Sample Time Sample No. Matrix * Sample Date Sample Time J162.12 38 7 OTHER SOLID 11 20 77:5 X J162.13 38 7 OTHER SOLID 0978 X J162.14 38 7 OTHER SOLID 0978 X J162.15 38 7 OTHER SOLID 0927 X J162.16 38 7 7 OTHER SOLID 0927 X J162.16 38 7 7 OTHER SOLID 0927 X CRAIN OF POSSESSION Relinquished ByRemoved From Date/Time Date/Time Date/Time Date/Time Date/Time Date/Time Date/Time Date/Time Received by/Stored In Date/Time Received by/Stored In Date/Time Received By/Stored In Date/Time Relinquished By/Removed From Date/Time Received By/Stored In Date/Time			٠	No. of Container(s)	, '	<u> </u>										
Sample No. Matrix * Sample Date Sample Time J162J2 38		:		Volume	5g											
Sample No. Matrix * Sample Date Sample Time J162J2 388		SAMPLE ANALYS	- ^	()												
J162.12 38 7 OTHER SOLID 1 1 20/07 09/8 X J162.14 38 7 OTHER SOLID 0978 X J162.15 38 7 OTHER SOLID 0972 / X J162.15 38 7 OTHER SOLID 0972 / X J162.15 38 7 OTHER SOLID 0972 / X J162.16 38 7 OTHER SOLID 0972 / X J162.16 38 7 OTHER SOLID 0972 / X CHAIN OF POSSESSION Sign/Print Names Relinquished By/Removed From Date/Time				6												
J162.J3 3		Matrix *	· · · · · · · · · · · · · · · · · · ·					en en		fa iip						
J162J4 J C OTHER SOLID O 92 / X J162J5 J C OTHER SOLID O 92 / X CHAIN OF POSSESSION Sign/Print Names CHAI		OTHER SOLID	11/20/07	0915	<u> ×</u>											
OTHER SOLID OTHER	J162J3 388 8	OTHER SOLID														
CHAIN OF POSSESSION Sign/Print Names Relinquished By/Removed From Date/Time Date/Time Date/Time Date/Time Date/Time Date/Time Relinquished By/Removed From Date/Time Relinquished By/Removed From Date/Time Relinquished By/Removed From Date/Time Received By/Stored In Date/Time Received By/Stored In Date/Time Relinquished By/Removed From Date/Time Received By/Stored In Date/Time Relinquished By/Removed From Date/Time Received By/Stored In Date/Time Relinquished By/Removed From Date/Time Received By/Stored In Date/Time Date/Time Date/Time Date/Time	J162J4 3	OTHER SOLID										<u></u>				
CHAIN OF POSSESSION Relinquished By/Removed From Date/Time Received By/Stored In Date/Time	J162J5 38820	OTHER SOLID							<u> </u>			 				
Relinquished By/Removed From Date/Time Received By/Stored In Date/Time Date/Time Date/Time Received By/Stored In Date/Time Date/Time Date/Time Date/Time Received By/Stored In Date/Time D	J162J6 33821		<u> </u>		1 4							<u> </u>	<u> </u>			
Relinquished By/Removed From Date/Time Received By/Stored In Date/Time LABORATORY Received By Title Date/Time												nine CO	A RIMMYY	PP00		Matrix *
Relinquished By/Removed From Date/Time			1	* #E// /		2.8/1	i	atory runarysis	, 10010 171		attent, and bimp	ting co.	t-Idy mixin	.,, 00		SE=Sediment
Relinquished By/Removed From Date/Time Received By/Stored In Date/Time LABORATORY Received By Title Date/Time Date/Time	Relinquished By/Remoyed From	Date/Time Welf	Received By/Stor	ed In D		<u>, , , , , , , , , , , , , , , , , , , </u>	1									SI=Sludge W = Water
Relinquished By/Removed From Date/Time Received By/Stored In Date/Time Relinquished By/Removed From Date/Time Received By/Stored In Date/Time Relinquished By/Removed From Date/Time Received By/Stored In Date/Time LABORATORY Received By Title Date/Time Date/Time	Relinquished By/Removed From				ate/Time											A=Air DS=Drum Solids
Relinquished By/Removed From Date/Time Received By/Stored In Date/Time Relinquished By/Removed From Date/Time Received By/Stored In Date/Time LABORATORY SECTION Title Date/Time	Relinquished By/Removed From	Date/Time	Received by/Stor	ed In D	ate/Time											Wi-Wipe L-Liquid
LABORATORY Received By Title Date/Time	Relinquished By/Removed From															
SECTION C	Relinquished By/Removed From	•														
ETNIAL SAMPLE Disposal Method		7		$\overline{}$	Т	itle	-							r	ate/Time	
DISPOSITION DISPOSITION	FINAL SAMPLE Disposal Me	erhod						Dispo	sed By					1	Date/Time	

Washington Closure Hanford	CI	HAIN OF CUST	ODY/S	AMI	PLE	ANAL	YSIS	RE	QUES1	[R	C-040-339	Page 2	of <u>10</u>
Collector Mike Stankovich		nnv Contact Stankovich	Telepho 531-7						iect Coordii SNER, JH	nator	Price Code	9K		rnaround
Project Designation 300 Area D&D Waste Characterization Sampling - O		ing Location			_			SAF RC-	No. 040				7 I	ays
Ice Chest No. Fed Ex Box		Logbook No. 1518-9		CO/ See b	A pelow				hod of Ship ederal Expre			•		
Shipped To DataChern Laboratories - Cincinnati	Offsite	Property No.	1080	030	6				of Lading/	Air Bill i	No.			
POSSIBLE SAMPLE HAZARDS/REMARKS				T								T		
Asbestos & Be	-	Preservation	None											
Special Handling and/or Storage		Type of Container	G/P									_		
		No. of Container(s)									ļ			
,		Volume	5g											
SAMPLE ANAI	20	662	Asbestos- BULK-EPA											
Sample No. Matrix *	Sample Date	Sample Time	1000 / SK-254	ž digiti.	.2.52	S to Grad		30.3						
J162J7 38822 OTHER SOLID	11/20/0	7 0930	र						AND THE REAL PROPERTY OF	20.77.7.2.2.2.0				
J162J8 38822 OTHER SOLID		0933	k	1										
J162J9 38824 OTHER SOLID		0936	\rac{1}{2}										<u> </u>	
J162K0 3382 OTHER SOLID		0939	1									<u> </u>		
J162K1 38 COTHER SOLID	V	0942	1/2									1		
CHAIN OF POSSESSION	Sign/Prin	t Names			SPEC	IAL INSTR	UCTIO	ONS		•	•			Matrix *
Relinquished By/Removed From Date/Time Relinquished By/Removed From Date/Time	Received By/Stor	ed in Do	ate/Time Ate/Time Ate/Time Ate/Time		Labora	ttory Analysis,	Data M	anagen	nent, and Ship	pring COA	- RD4MXX2F(100		S=Soil SE=Sodiment SD=Solid SI=Studge W = Water O=Oil A=Air DS=Drunn Solids DL=Drunn Liquide T=Tissue W]=Wipe L=Liquid V-Vegetution
Schildren Dyrtem / Co From	Received By/Stor												•	X=Ouker
Relinquished By/Removed From Date/Time	Received By/Stor	ed in Do	ate/Time	1										
LABORATORY SECTION Received by		>	Ti	itle								D	ate/Time	 -
FINAL SAMPLE Disposal Method DISPOSITION					<u>-</u>	Dispo	sed By					Γ	ate/Time	,

Washington Closur	e Hanford	CF	HAIN OF CUST	ODY/S	AM	PLE	ANAL	YSIS	RI	EQUEST	ſ	RO	C-040-339	Page 3	of <u>10</u>
Collector Mike Stankovich			nav Contact Stankovich	Telephor 531-7						oiect Coordii SSNER, JH	nator	Price Code	9K		rnaround
Proiect Designation 300 Area D&D Waste Charac	zerization Sampling - Otl		ing Location							F No. -040				7 D	Days
Ice Chest No. Fed Ex Box			.ogbook No. 1518-9		CO. Sec 1)A below				thod of Ship Federal Expre					
Shipped To DataChem Laboratories - Cin	ncinnati	Offsite	Property No.	AL	 180	103	 '6			ll of Lading/A	Air Bill ?	No.			
POSSIBLE SAMPLE HAZA	RDS/REMARKS			T	T										
Asbestos & Be			Preservation	None											
Special Handling and/or S	Storage		Type of Container	G/P				<u> </u>							
_			No. of Container(s)	1			<u> </u>		·						
			Volume	5g											
	SAMPLE ANALY	· .	Asbestos- BULK-EPA	·											
Sample No.	Matrix *	Sample Time			5 (P. 189)		20 m 20 m								
J162K2 Z8RZ]	OTHER SOLID	11/20/0		X	2.02	ಶಾಂಕ್ಷ್ಮಾನಿಟರ			900-140		Control of the Contro				
J162K3 3882R	OTHER SOLID		0948	X	\top			 					—		
J162K4 388 25	OTHER SOLID		0951	X	1								1		
J162K5 38830	OTHER SOLID		0954	7											
J162K6 38831	OTHER SOLID	V	0957	1	·										
CHAIN OF POSSESSIO							IAL INSTR								Matrix *
Relinquished By/Removed From Relinquished By/Removed From Relinquished By/Removed From	MISTAROUC IROD MISTAROUS II-2 Recirculation of Received By/Stored in D KMSingletin Til-2007 1506 FEO EX							, Data M	lanage	ment, and Ship	ping COA	A - RD4MXX2F0	0		S=Soil SE=Sediment SO=Solid SH=Studge W = Water O=Oil A=Air DS=Drum Solids DL=Drum Liquids
Relinquished By/Removed From	Date/Time	ed In Da	ate/Time											Wi=Wipe L=Liquid V=Vegetation	
Reiinquished By/Removed From		ate/Time											X=Other		
Relinquished By/Removed From	Date/Time	Received By/Store	ed In Da	ate/Time				_							
LABORATORY Received By SECTION				Ţi	itle								D	Date/Time	
FINAL SAMPLE Disposal Me	ethod		<u> </u>				Dispo	sed By				•		Date/Time	
DISPOSITION	/ كـ							,							